

| | Type | L # | Hits | Search Text | DBs | Tim Stamp | Comments | Error Definition | Errors |
|---|------|-----|------|--|---|-------------------------|----------|------------------|--------|
| 1 | BRS | L1 | 839 | (428/654 or 148/528 or 148/535).ccls. | USPA T; US-P GPUB ; EPO; JPO; DERW ENT; IBM TDB | 2003/06 /17 12:25 | | | 0 |
| 2 | BRS | L2 | 2 | 1 and (silicon or si) and (iron or fe) and (manganese or mn) and (magnesium or mg) and (copper or cu) and (titanium or ti) and (chromium or cr) and (scandium or sc) and vanadium and (zirconium or zr) and (nickel or ni) and (hafnium or hf) | USPA T; US-P GPUB ; EPO; JPO; DERW ENT; IBM TDB | 2003/06 /17 12:29 | | | 0 |
| 3 | BRS | L3 | 11 | 1 and (silicon or si) and (iron or fe) and (manganese or mn) and (magnesium or mg) and (copper or cu) and (titanium or ti) and (chromium or cr) and vanadium and (zirconium or zr) and (nickel or ni) | USPA T; US-P GPUB ; EPO; JPO; DERW ENT; IBM TDB | 2003/06 /17 12:32 | | | 0 |
| 4 | BRS | L4 | 30 | 1 and (silicon or si) and (iron or fe) and (manganese or mn) and (magnesium or mg) and (copper or cu) and (titanium or ti) and (chromium or cr) and (vanadium or V) and (zirconium or zr) and (nickel or ni) | USPA T; US-P GPUB ; EPO; JPO; DERW ENT; IBM TDB | 2003/06 /17 12:40 | | | 0 |

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|---|--------------------------|--------------------------|--------------------------|--------------|--------|---|------------|---|
| 1 | <input type="checkbox"/> | <input type="checkbox"/> | US 200300129 77 A1 | 2003011 6 | 14 | PLAIN BEARING MATERIAL OF AN ALUMINIUM ALLOY FREE FROM SILICON EXCEPT FOR IMPURITIES INTRODUCED DURING MANUFACTURING | 428/650 | 148/523; 148/535; 384/912 |
| 2 | <input type="checkbox"/> | <input type="checkbox"/> | US 200201685 41 A1 | 2002111 4 | 8 | High temperature aluminum alloy brazing sheet and methods of manufacturing and uses therefor | 428/654 | |
| 3 | <input type="checkbox"/> | <input type="checkbox"/> | US 200201577 37 A1 | 2002103 1 | 16 | NICKEL DIFFUSION BRAZE ALLOY AND METHOD FOR REPAIR OF SUPERALLOYS | 148/528 | 75/255 |
| 4 | <input type="checkbox"/> | <input type="checkbox"/> | US 200200681 89 A1 | 2002060 6 | 7 | MULTI-LAYERED PLAIN BEARING AND PRODUCING METHOD THEREOF | 428/653 | 148/531; 148/535; 384/912; 428/654 |
| 5 | <input type="checkbox"/> | <input type="checkbox"/> | US 6528177 B2 | 2003030 4 | 25 | Cladding material and manufacturing method therefor | 428/615 | 148/516; 148/535; 228/196; 228/235. 2; 228/235. 3; 228/262. 5; 428/650; 428/651; 428/652; 428/653; 428/654; 428/655; 428/656 |

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| | Retrieval Classif | Inventor | S | C | P | 2 | 3 | 4 | 5 | Image Doc. Displayed | PT |
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| 1 | | MERGEN, ROBERT | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 20030012977 | <input type="checkbox"/> |
| 2 | | Palmer, Scott L. et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 20020168541 | <input type="checkbox"/> |
| 3 | | Chesnes, Richard Patrick et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 20020157737 | <input type="checkbox"/> |
| 4 | | Kagohara, Yukihiko et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 20020068189 | <input type="checkbox"/> |
| 5 | | Kawano, Takayuki et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6528177 | <input type="checkbox"/> |

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| 6 | <input type="checkbox"/> | <input type="checkbox"/> | US 6517954 B1 | 20030211 | 17 | Aluminium alloy, notably for a layer | 428/653 | 148/437; 148/531; 148/534; 148/535; 384/445; 384/907; 384/912; 420/528; 420/530; 420/540; 420/543; 420/548; 420/551; 420/552; 420/554; 428/654; 428/908. 8; 428/936; 428/937; 428/938; 428/939 |
| 7 | <input type="checkbox"/> | <input type="checkbox"/> | US 6506503 B1 | 20030114 | 14 | Friction bearing having an intermediate layer, notably binding layer, made of an alloy on aluminium basis | 428/650 | 148/531; 148/534; 148/535; 384/445; 384/907; 384/912; 428/653; 428/654; 428/908. 8; 428/936; 428/937; 428/938; 428/939 |
| 8 | <input type="checkbox"/> | <input type="checkbox"/> | US 6454885 B1 | 20020924 | 17 | Nickel diffusion braze alloy and method for repair of superalloys | 148/528 | 228/262. 31; 75/255 |
| 9 | <input type="checkbox"/> | <input type="checkbox"/> | US 6413654 B1 | 20020702 | 7 | Multi-layered plain bearing and producing method thereof | 428/653 | 148/516; 148/531; 148/535; 148/698; 384/912; 428/654; 428/940 |

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| 6 | | Mergen, Robert et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6517954 | <input type="checkbox"/> |
| 7 | | Mergen, Robert et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6506503 | <input type="checkbox"/> |
| 8 | | Chesnes, Richard Patrick et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6454885 | <input type="checkbox"/> |
| 9 | | Kagohara, Yukihiko et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6413654 | <input type="checkbox"/> |

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| 10 | <input type="checkbox"/> | <input type="checkbox"/> | US 6329075 B1 | 20011211 | 10 | Electrical conductivity and high strength aluminum alloy composite material and methods of manufacturing and use | 428/654 | 148/523; 148/528; 148/535; 165/177; 165/182; 165/905; 228/101; 427/436; 428/607; 428/636; 428/925; 428/937; 428/938; 428/939 |
| 11 | <input type="checkbox"/> | <input type="checkbox"/> | US 6183887 B1 | 20010206 | 12 | Heat protection element consisting of a quasicrystalline aluminum alloy | 428/651 | 148/438; 148/439; 420/529; 420/533; 420/537; 428/652; 428/653; 428/654 |
| 12 | <input type="checkbox"/> | <input type="checkbox"/> | US 5906897 A | 19990525 | 15 | Al metal joined body | 428/627 | 428/632; 428/651; 428/653; 428/654 |
| 13 | <input type="checkbox"/> | <input type="checkbox"/> | US 5863669 A | 19990126 | 9 | Brazing sheet | 428/654 | 165/905 |
| 14 | <input type="checkbox"/> | <input type="checkbox"/> | US 5810949 A | 19980922 | 13 | Method for treating an aluminum alloy product to improve formability and surface finish characteristics | 148/535 | 148/694; 148/698; 148/700 |
| 15 | <input type="checkbox"/> | <input type="checkbox"/> | US 5753380 A | 19980519 | 5 | High purity aluminum alloy conductor for use at ultra low temperatures | 428/651 | 148/535; 174/125. 1; 335/216; 428/930; 505/812 |
| 16 | <input type="checkbox"/> | <input type="checkbox"/> | US 5733389 A | 19980331 | 4 | Method of manufacturing a micro-alloy high purity aluminum conductor for use at ultra low temperature | 148/535 | 148/550; 148/551; 148/562; 29/599; 505/812; 505/921 |

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| 10 | | Nener, Ralph M. et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6329075 | <input type="checkbox"/> |
| 11 | | Dubois, Jean-Marie et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6183887 | <input type="checkbox"/> |
| 12 | | Tanaka, Tomoo et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5906897 | <input type="checkbox"/> |
| 13 | | Miller, William S. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5863669 | <input type="checkbox"/> |
| 14 | | Chakrabarti, Dhruba J. et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5810949 | <input type="checkbox"/> |
| 15 | | Takahashi, Akihiko et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5753380 | <input type="checkbox"/> |
| 16 | | Takahashi, Akihiko et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5733389 | <input type="checkbox"/> |

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| 17 | <input type="checkbox"/> | <input type="checkbox"/> | US 5649282 A | 19970715 | 10 | Heat protection element consisting of a quasicrystalline aluminum alloy | 428/548 | 148/438; 148/439; 148/525; 427/456; 428/549; 428/552; 428/650; 428/654 |
| 18 | <input type="checkbox"/> | <input type="checkbox"/> | US 5518823 A | 19960521 | 16 | Aluminum foil as electrolytic condenser electrodes | 428/610 | 361/529; 428/606; 428/629; 428/654 |
| 19 | <input type="checkbox"/> | <input type="checkbox"/> | US 5460895 A | 19951024 | 13 | Corrosion-resistant aluminum alloy | 428/654 | 165/905; 228/262. 51 |
| 20 | <input type="checkbox"/> | <input type="checkbox"/> | US 5384205 A | 19950124 | 8 | Multi-layer slide bearing having Al-Sn alloy layer with high fatigue strength and conformability | 428/643 | 428/653; 428/654 |
| 21 | <input type="checkbox"/> | <input type="checkbox"/> | US 5362574 A | 19941108 | 8 | Multilayer aluminum-based alloy bearing having superior compatibility and superior fatigue resistance | 428/643 | 384/912; 428/653; 428/654 |
| 22 | <input type="checkbox"/> | <input type="checkbox"/> | US 5298339 A | 19940329 | 11 | Aluminum metal matrix composites | 428/614 | 428/650; 428/654 |
| 23 | <input type="checkbox"/> | <input type="checkbox"/> | US 5162100 A | 19921110 | 9 | Aluminum-based bearing alloy with excellent fatigue resistance and anti-seizure property | 420/530 | 148/416; 148/419; 148/438; 148/442; 384/912; 420/535; 420/537; 420/538; 420/587; 428/650; 428/654 |
| 24 | <input type="checkbox"/> | <input type="checkbox"/> | US 5143557 A | 19920901 | 7 | Surface coating made from an aluminum-based | 428/654 | 148/512; 148/903 |
| 25 | <input type="checkbox"/> | <input type="checkbox"/> | US 5062901 A | 19911105 | 10 | Method of producing hardened aluminum alloy sheets having superior corrosion resistance | 148/535 | 148/417; 148/439; 148/552; 148/692; 420/533 |

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| 17 | | Dubois, Jean-Marie et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5649282 | <input type="checkbox"/> |
| 18 | | Fujihira, Tadao et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5518823 | <input type="checkbox"/> |
| 19 | | Runpta, Ravi et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5460895 | <input type="checkbox"/> |
| 20 | | Tanaka, Tadashi et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5384205 | <input type="checkbox"/> |
| 21 | | Tanaka, Tadashi et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5362574 | <input type="checkbox"/> |
| 22 | | Aghajanian, Michael K. et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5298339 | <input type="checkbox"/> |
| 23 | | Tanaka, Tadashi et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5162100 | <input type="checkbox"/> |
| 24 | | Pierantoni, Michel et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5143557 | <input type="checkbox"/> |
| 25 | | Tanaka, Hiroki et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5062901 | <input type="checkbox"/> |

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| 26 | <input type="checkbox"/> | <input type="checkbox"/> | US 4632885 A | 19861230 | 6 | Aluminum base alloy clad material for use in heat exchangers | 428/654 | 420/542; 420/543 |
| 27 | <input type="checkbox"/> | <input type="checkbox"/> | US 4442182 A | 19840410 | 13 | One-piece, composite electrical connector | 428/654 | 148/527; 148/535; 148/536; 428/675; 428/680; 439/887 |
| 28 | <input type="checkbox"/> | <input type="checkbox"/> | US 4043840 A | 19770823 | 5 | Aluminum alloys possessing improved resistance weldability | 420/532 | 148/439; 148/440; 420/535; 420/544; 428/650; 428/654 |
| 29 | <input type="checkbox"/> | <input type="checkbox"/> | US 4027367 A | 19770607 | 11 | Spray bonding of nickel aluminum and nickel titanium alloys | 428/652 | 427/383.7; 427/422; 427/449; 427/456; 428/653; 428/654; 428/660 |
| 30 | <input type="checkbox"/> | <input type="checkbox"/> | WO 9001567 A1 | 19900222 | 36 | COATING MATERIALS FOR METAL ALLOYS AND METALS | | 420/538; 428/652; 428/654 |

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| 26 | | Tanabe, Zenichi et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 4632885 | <input type="checkbox"/> |
| 27 | | Chart, John E. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 4442182 | <input type="checkbox"/> |
| 28 | | Sperry, Philip R. et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 4043840 | <input type="checkbox"/> |
| 29 | | Rondeau, Henry S. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 4027367 | <input type="checkbox"/> |
| 30 | | DUBOIS, JEAN-MARIE et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | WO 9001567 A1 | <input type="checkbox"/> |